

EXPRESS MAIL NO.: EL615210545US



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent

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In re application of:

Yonko H. KUMAGAI, *et.al.*

Application Serial No. 09/359,300

Filed: July 21, 1999

Art Unit: 1636

Examiner: Leffers Jr., G.

Attorney's Docket No:
08010137US07

For: **METHOD OF COMPILING A
FUNCTIONAL GENE PROFILE BY
TRANSFECTING A NUCLEIC ACID
SEQUENCE OF A NON-PLANT
DONOR INTO A HOST PLANT IN A
POSITIVE SENSE ORIENTATION**

RESPONSE TO FINAL OFFICE ACTION

BOX AF

Commissioner for Patents
Washington, D.C. 20231

Sir:

This is a Response to Final Office Action dated August 30, 2001. The response is submitted prior to or including the extended due date of **February 28, 2002**. A Petition for a three-month extension of time and the requisite fee is enclosed herewith. The Examiner is respectfully requested to enter the amendments and reconsider the application.

THE AMENDMENT

In the Claims

45. (Four Times Amended) A method of compiling a positive sense functional gene profile of an organism comprising:

- (a) preparing a library of DNA or RNA sequences from a non-plant donor organism, and constructing recombinant viral nucleic acids each comprising an unidentified nucleic acid insert obtained from said library in a positive sense orientation;
- (b) infecting a plant hosts with said recombinant viral nucleic acids;